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EquivalentU.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DKT. NO.  
500.30304C14SERIAL NO.  
10/603,612INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

## APPLICANT

ARAI et al

## FILING DATE

June 26, 2003

## GROUP

2653

## U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						

## U.S. PATENT APPLICATIONS

	Publication Number	Name	Publication Date
AI			
AJ			
AK			
AL			

## FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
T-D	AM	61-152180	7/86	Japan	—	Abstract	
T-D	AN	64-073560	3/89	Japan	—	Abstract	
	AO						
	AP						
	AQ						

## OTHER DOCUMENTS

AR	
AS	
AT	
Examiner TAN DINH	Date Considered 4/14/05